

FIG. 1

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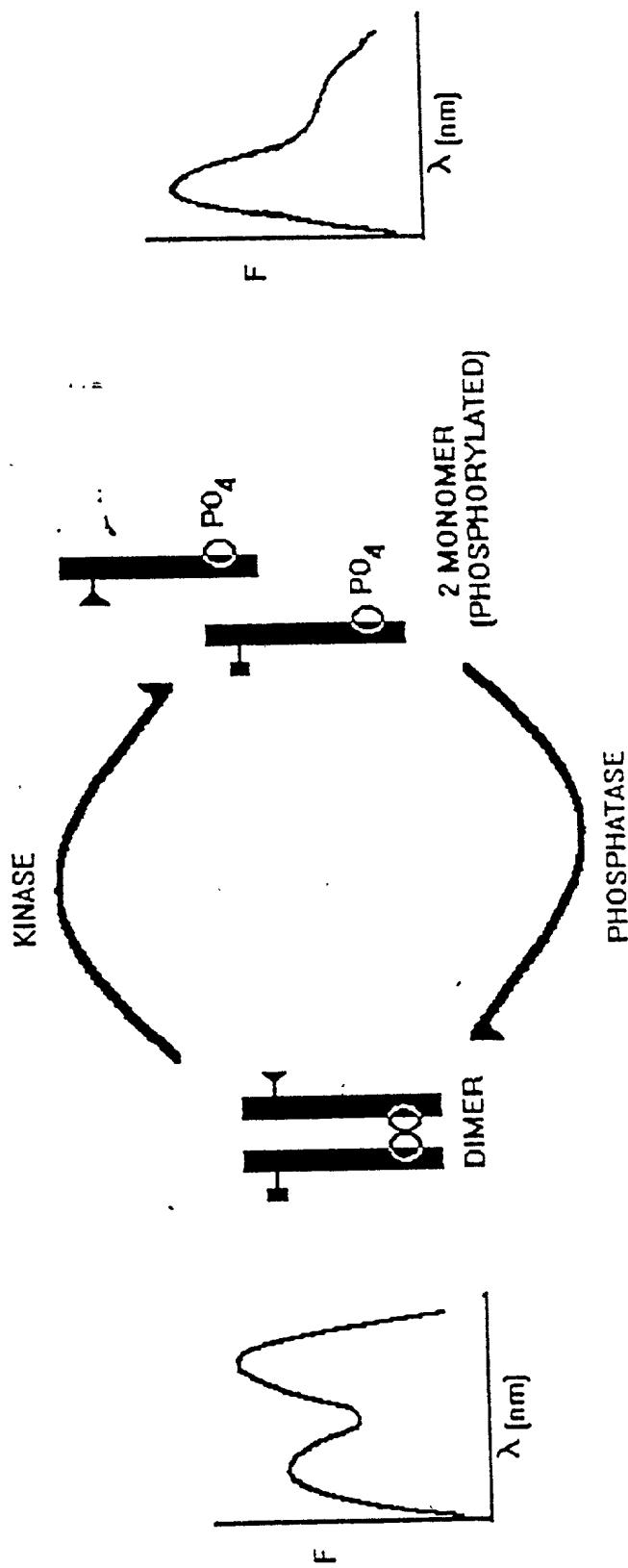
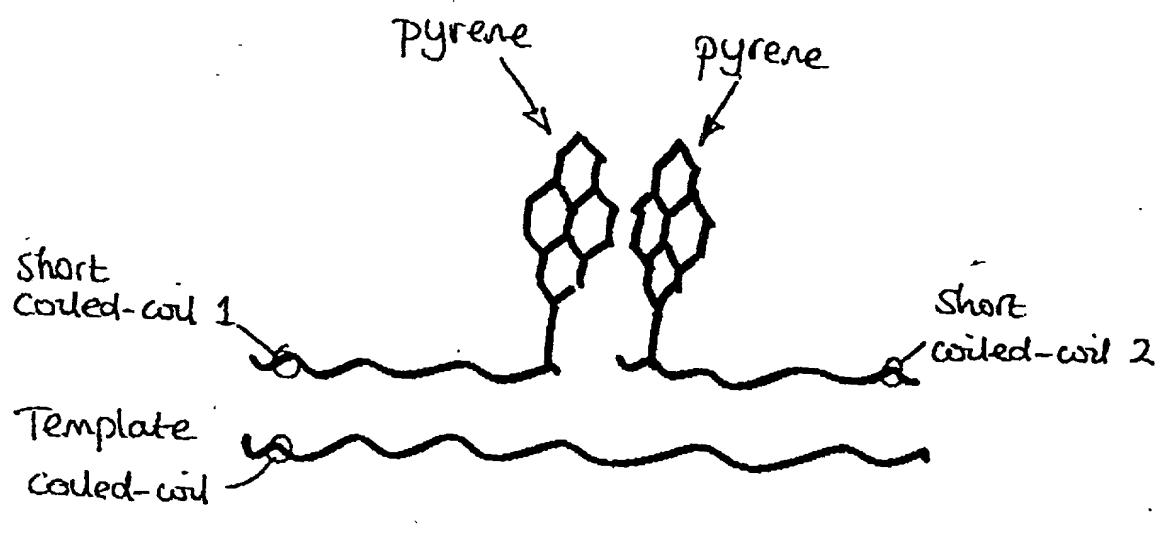


FIG. 2

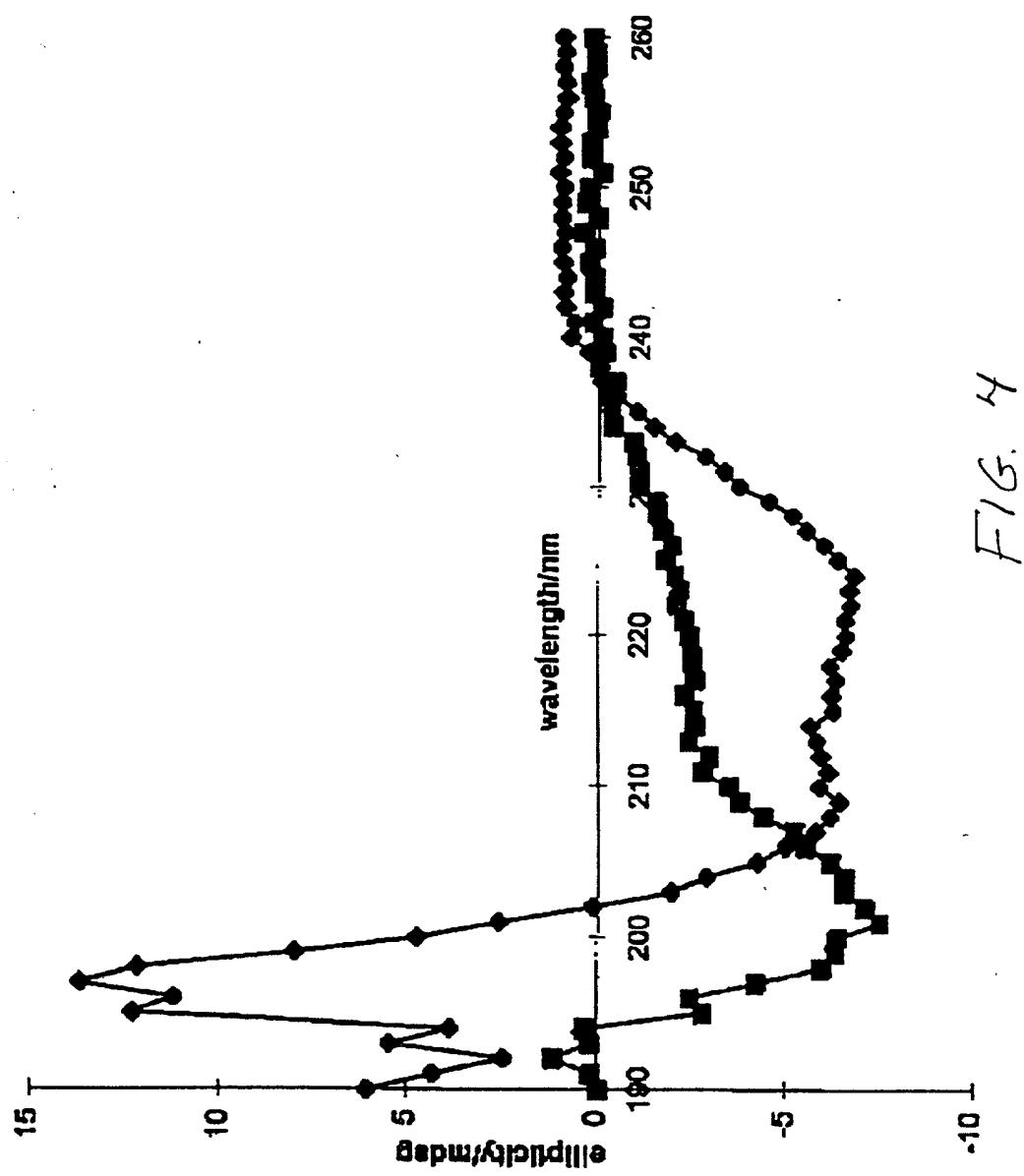
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Excimer configuration  
of pyrene pairs

FIG. 3

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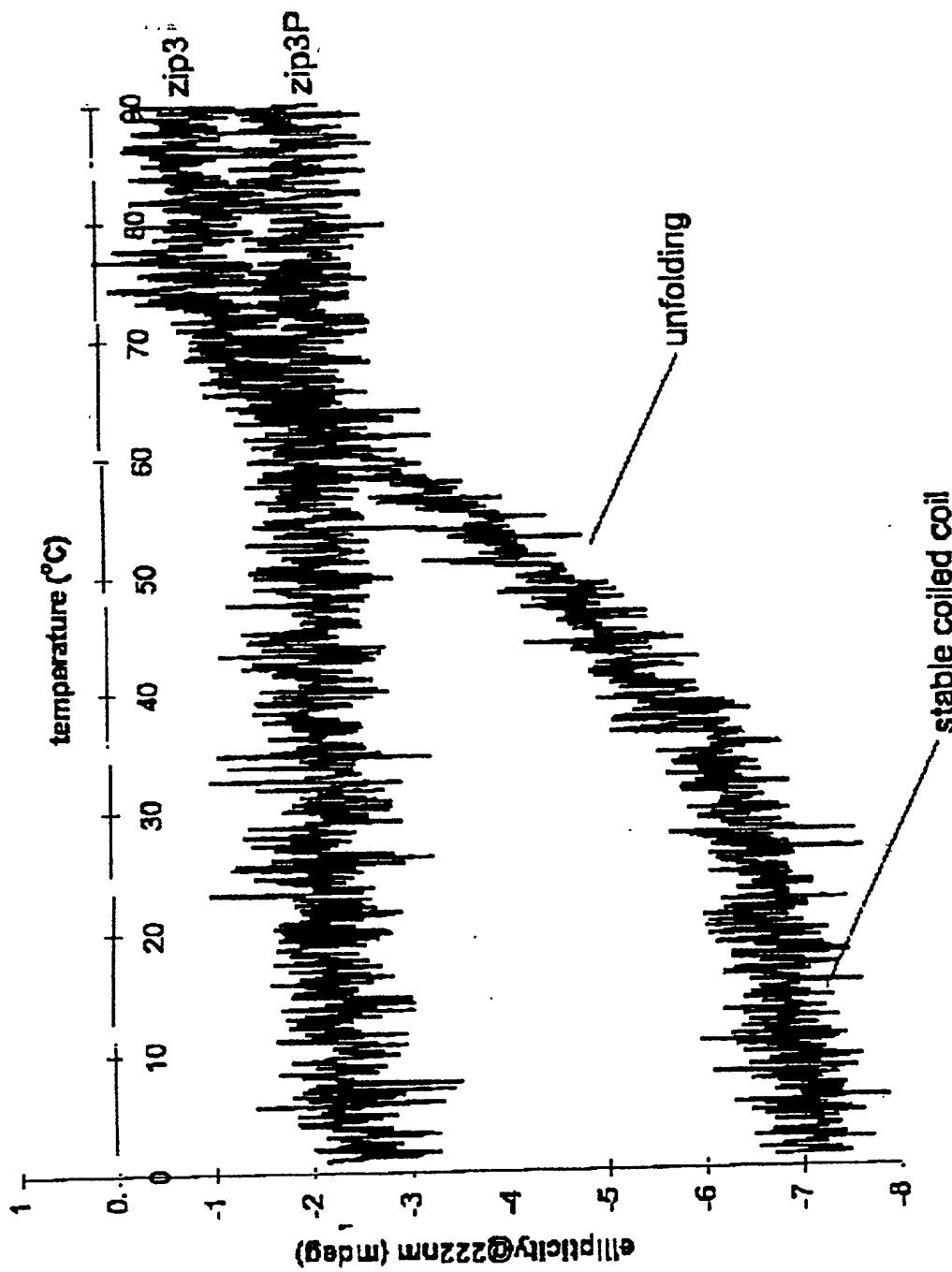


FIG. 5

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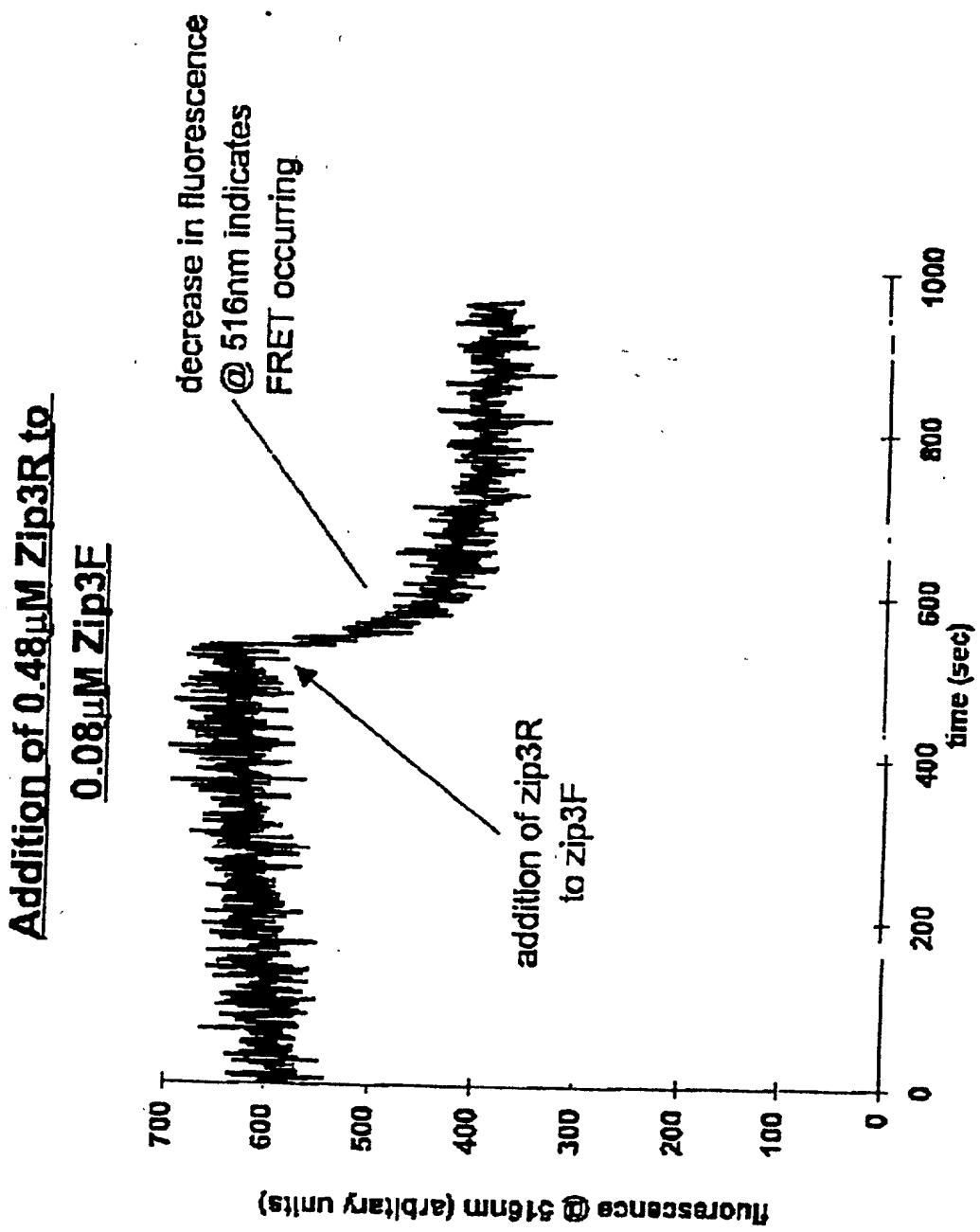


FIG. 6

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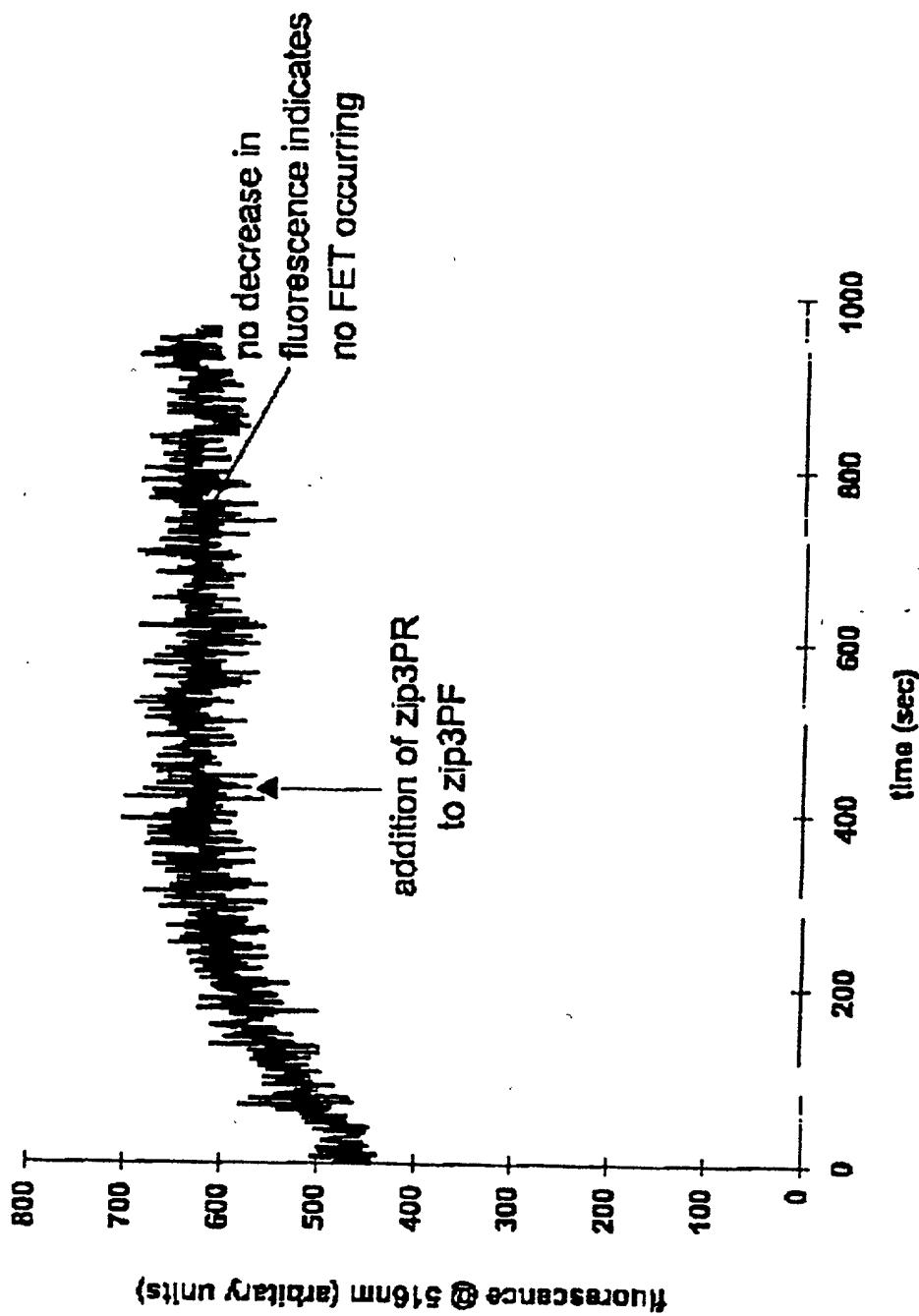


FIG. 7

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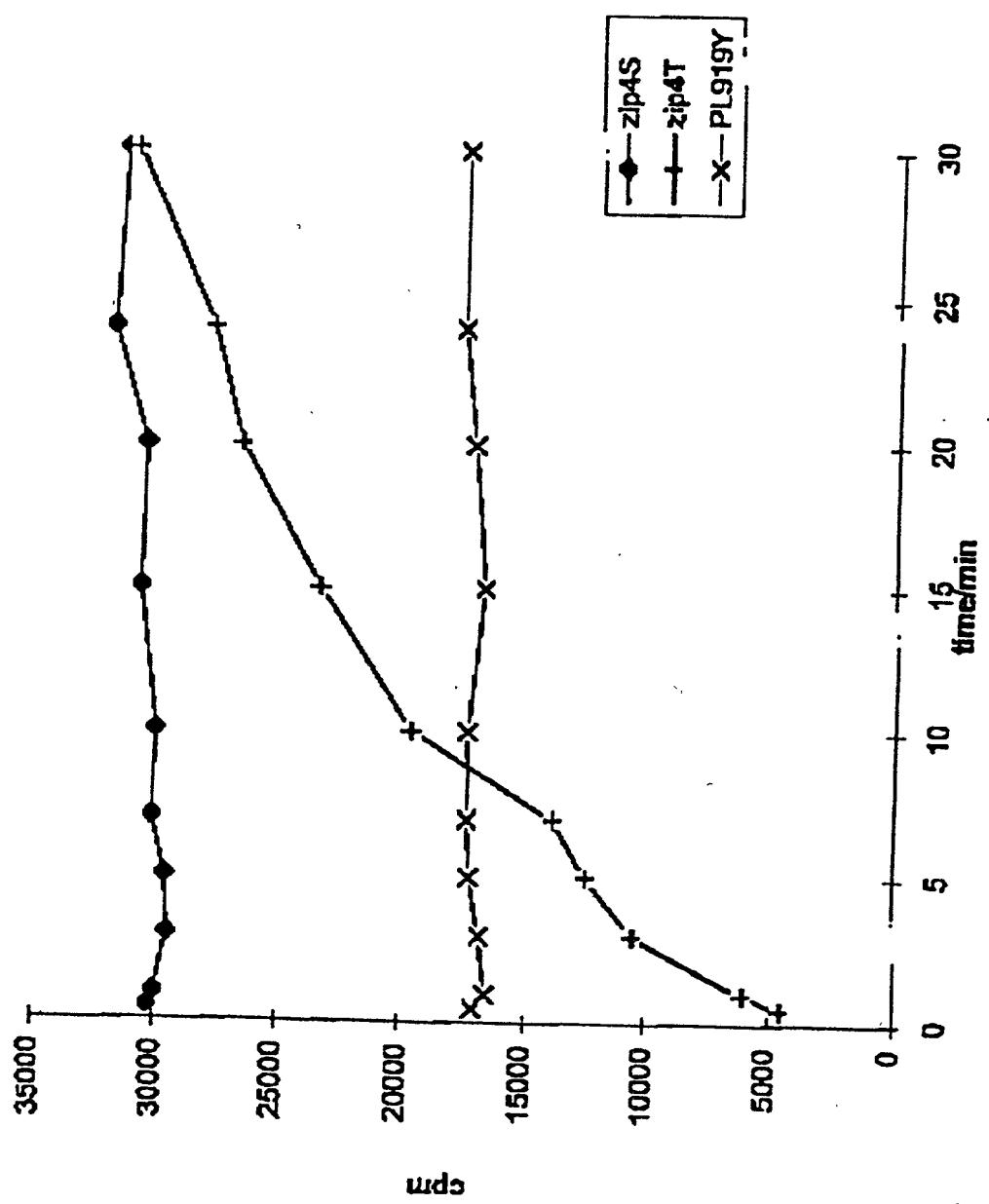
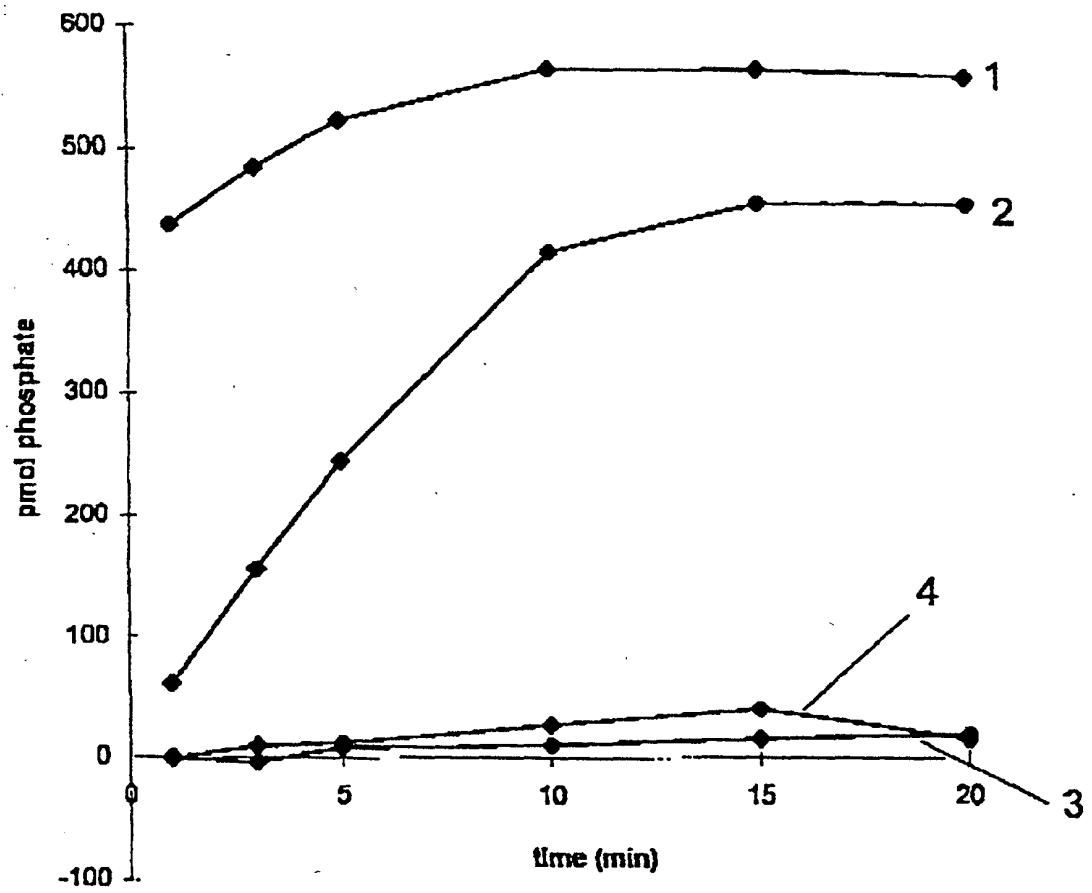


FIG. 8

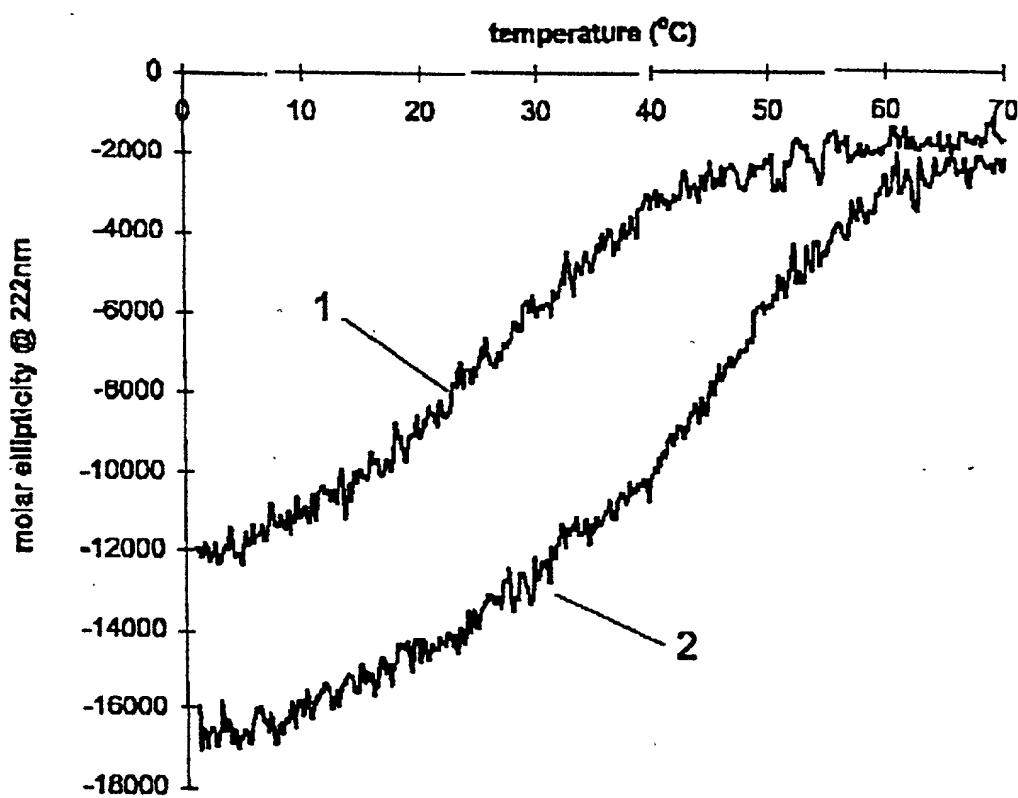
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1 - Autocamtide II phosphorylated by CaMKII in the presence of  $\text{Ca}^{2+}$  and Calmodulin  
2 - Zip4S phosphorylated by PKA  
3 - Zip4S phosphorylated by CaMKII in the presence of  $\text{Ca}^{2+}$  and Calmodulin  
4 - Autocamtide II phosphorylated by CaMKII in the presence of Calmodulin ( $\text{Ca}^{2+}$  absent)

FIG. 9

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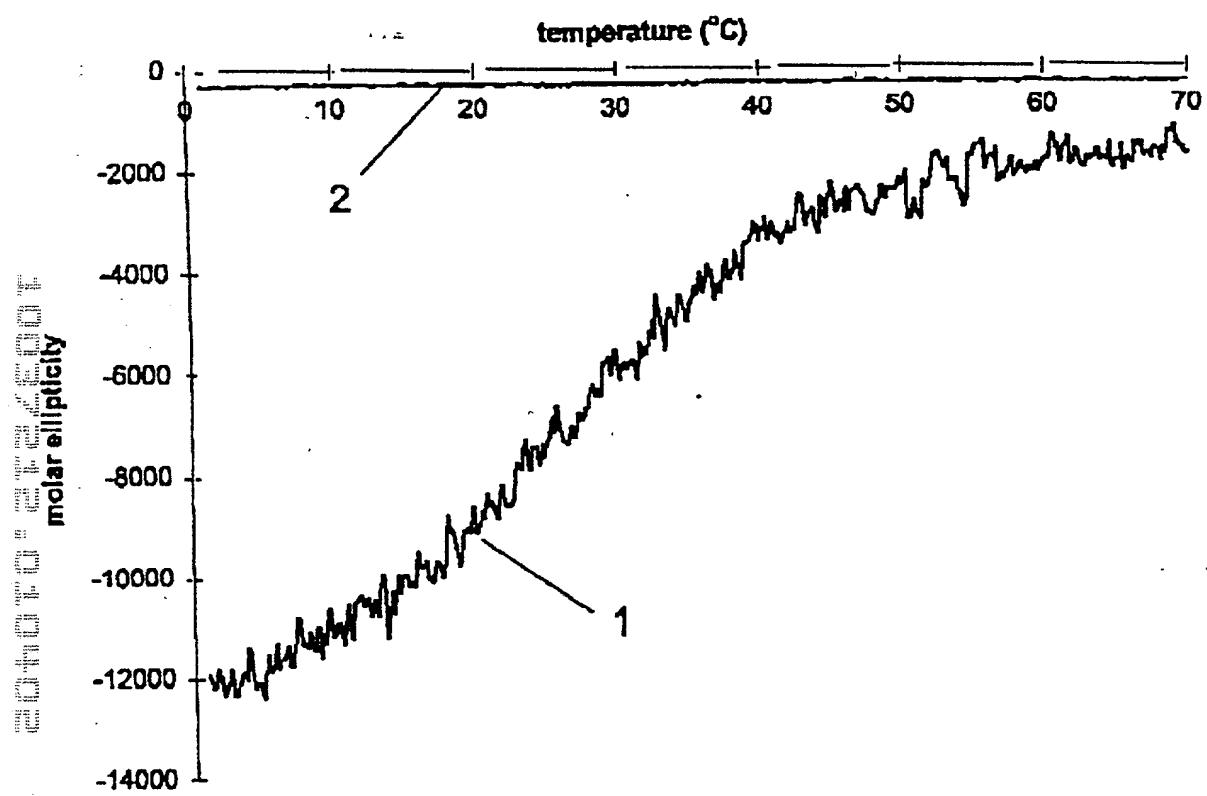


1 - zip4S

2 - zip4T

FIG. 10

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1 -zip4S  
2 - zip4SP

FIG. 11

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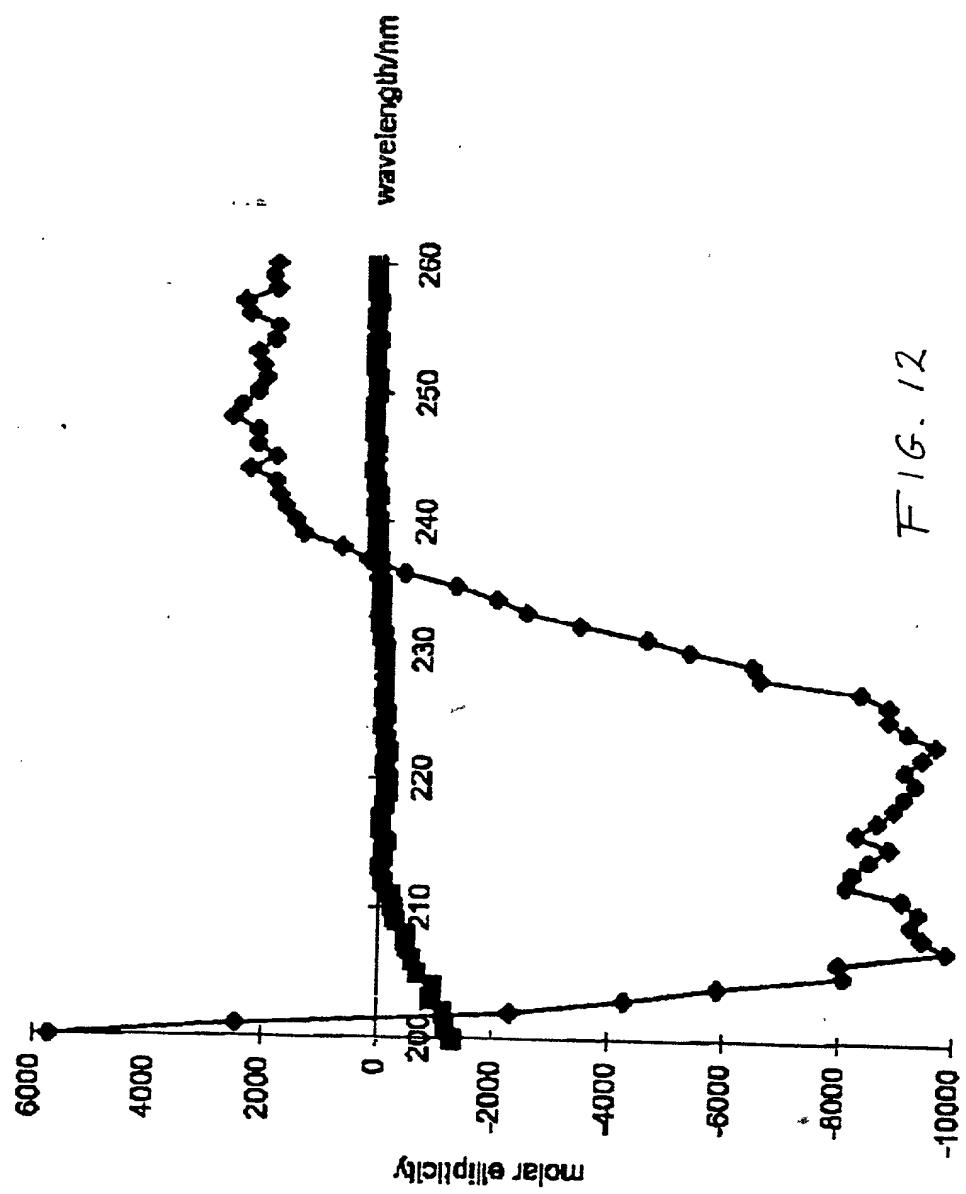
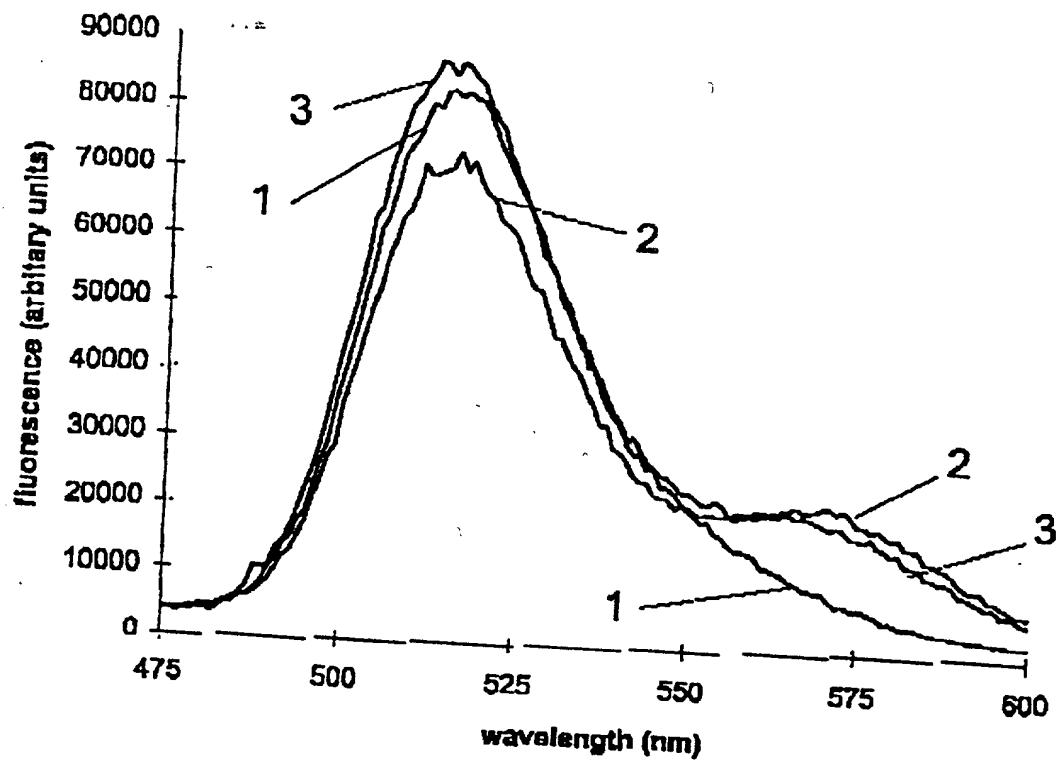


FIG. 12

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1 -  $0.08\mu\text{M}$  Zip4SF

2 -  $0.08\mu\text{M}$  Zip4SF +  $0.48\mu\text{M}$  Zip4SR

3 -  $0.08\mu\text{M}$  Zip4SF +  $0.48\mu\text{M}$  Zip4SR +  $0.03\mu\text{M}$  PKA

FIG. 13

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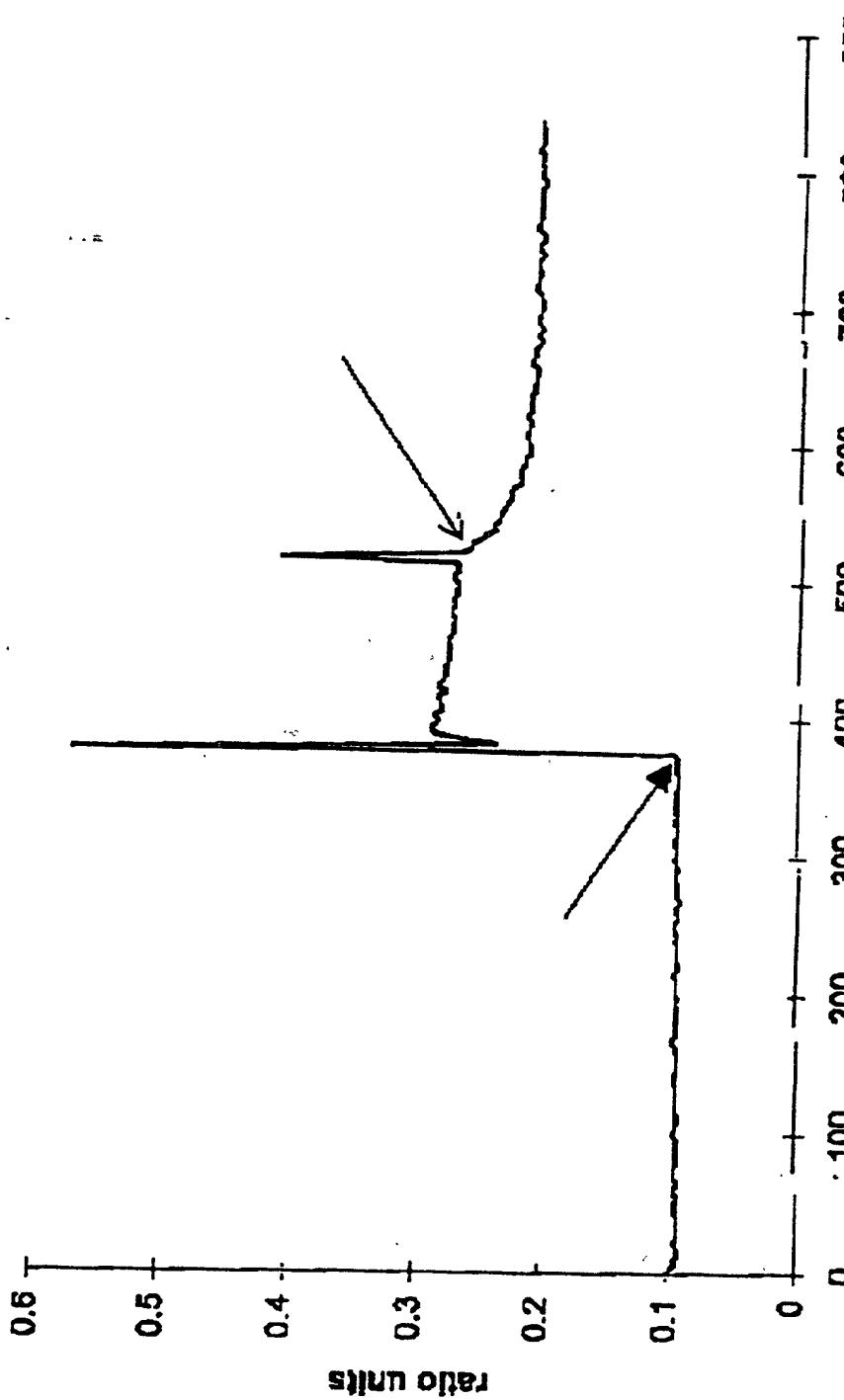


FIG. 14